

DECISION TRIGGER ANALYSIS

In order to ensure adequate TRU waste storage space is available to support site closure activities (D&D and residues stabilization), it is necessary to plan now for additional TRU waste storage capacity in 2001. Dates are approximate and are necessarily conservative to ensure additional storage will be available when needed. Variables which could impact the date when the storage is needed include final agreements on TRU storage in tents, residues stabilization program acceleration, and opening of WIPP by 2001. However, we must plan for the worst case scenario in order to be ready if it occurs.

Activity/Decision	Deadline Date
Complete construction/retrofit and readiness determinations. Storage facility ready for operation.	April 2001
Begin construction of new facility or retrofit of existing facility	October 1999
Complete design for retrofit of existing facility or new construction, incorporating public comments into facility siting, safety or other design features as appropriate.	July 1999 – October 1999
Final Environmental Assessment issued providing the decision on interim storage facilities for TRU waste.	July 1999
Prepare final Environmental assessment.	June/July 1999
Public comment period for Draft Environmental Assessment	45 days
Issue Draft Environmental Assessment	Spring 1999
Environmental Assessment internal and public scoping sessions to determine needs and options.	December 1998 – March 1999

INTERIM TRU WASTE STORAGE ON-SITE FACILITIES COMPARISON

This is a matrix of the attributes of each of the existing buildings being considered and of the new TRU waste storage building modules. Two building modules would be required to store all of the TRU waste. If WIPP opens in the near term, within the next 2 or 3 years, then the start-up costs gain significance. However, if WIPP doesn't open for several years, then the per drum and annual operating costs become more important.

	Total Cost	Per Drum Start Up Cost	Total Capacity in Drums	Annual Operating Cost /Annual Per Drum Cost	HEPA Filtration
Building 460	\$4.5 M	\$223	20,500	\$1.7 M / \$83	Yes
Building 551	\$5.1M	\$368	14,000	\$1.2M / \$86	No
Building 865	\$5.7M	\$388	14,000	\$1.6M / \$113	Yes
Building 883	\$7.3M	\$978	7,500	\$1.3M / \$179	Yes
Building 444	\$39.0M	\$1,121	34,000	\$4.2M / \$121	Yes
New Module 1	\$20.0M	\$497	40,000	\$2.0M / \$50	Yes
New Module 2	\$19.0M	\$447	40,000	\$2.0M / \$50	Yes